

FIG. 1

FIG. 2A

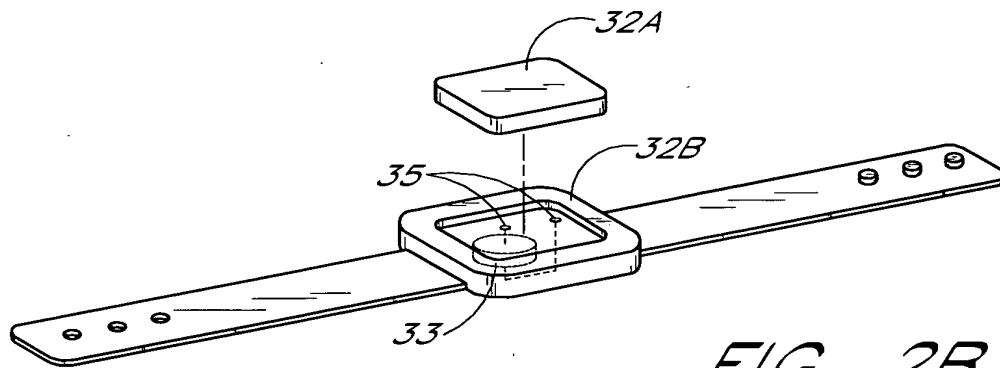
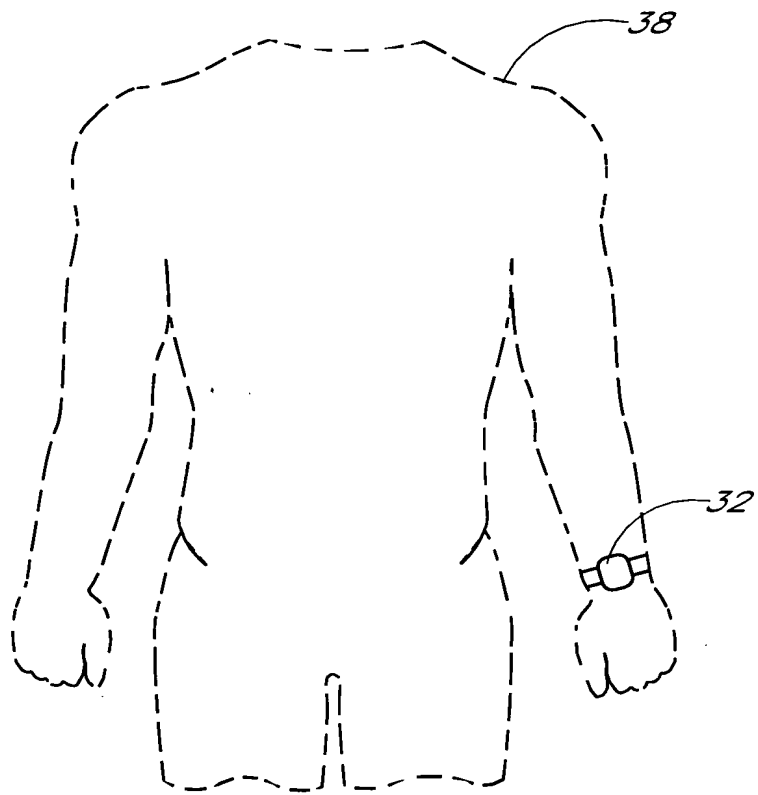


FIG. 2B

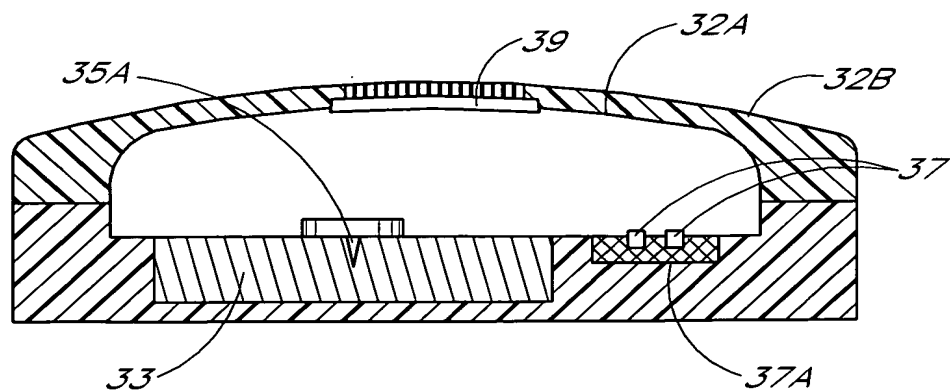


FIG. 2C

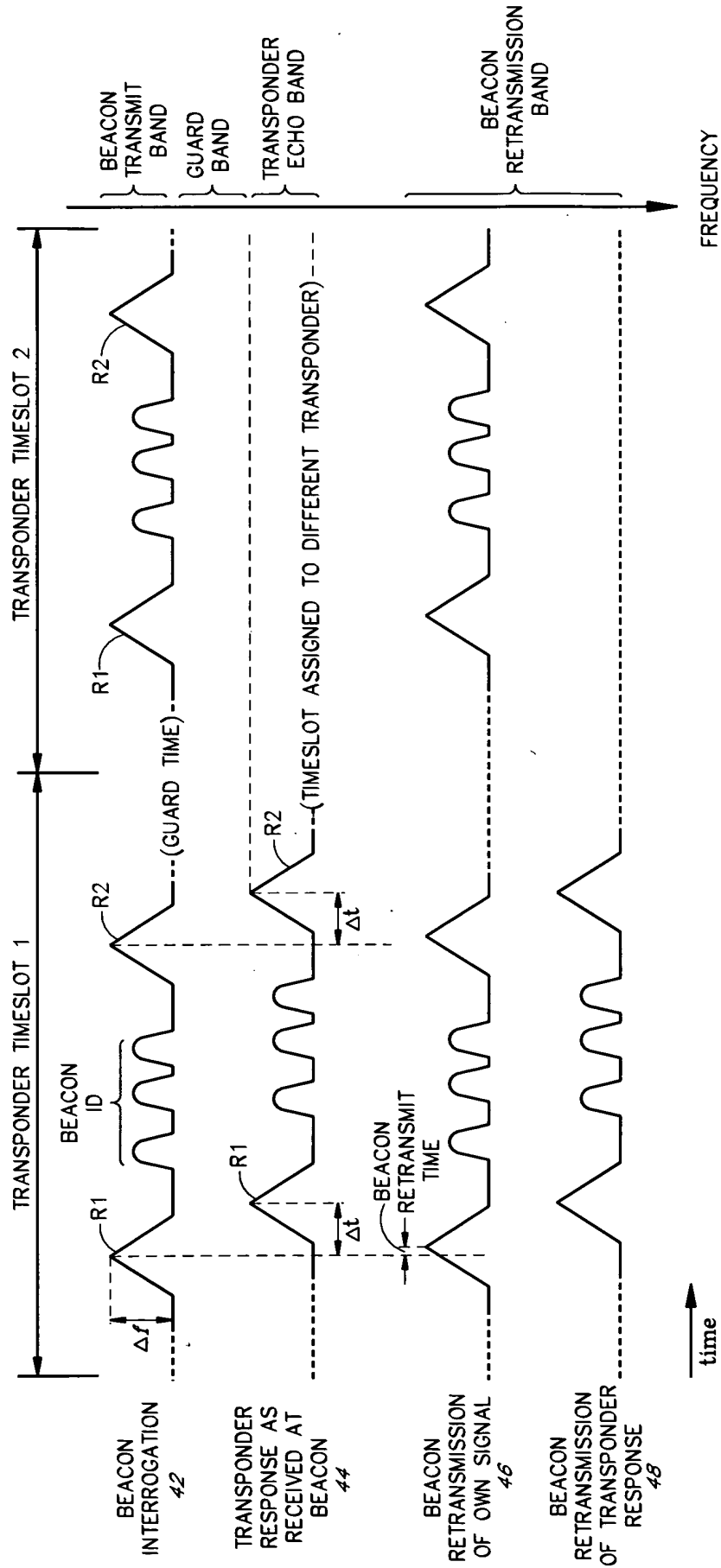


FIG. 3A

Table 1. The results of the regression analysis of the effect of the variables on the number of visits per year

Variable	Regression coefficient	t-value	p-value
Age	-0.006	-0.78	0.439
Gender	0.001	0.01	0.991
Marital status	0.001	0.01	0.991
Income	0.001	0.01	0.991
Education	0.001	0.01	0.991
Health status	0.001	0.01	0.991
Distance from home to hospital	0.001	0.01	0.991
Number of children	0.001	0.01	0.991
Number of visits per year	0.001	0.01	0.991

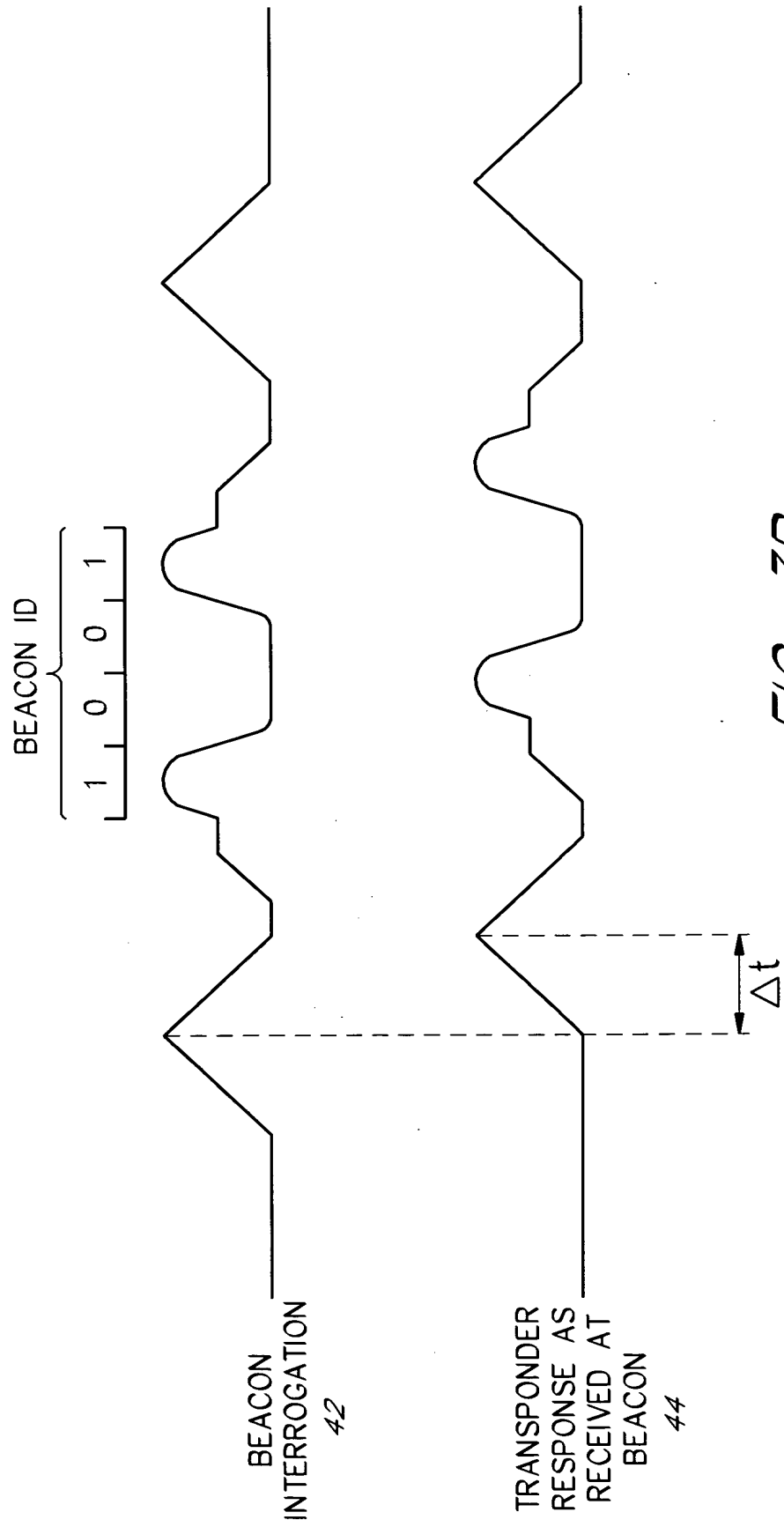


FIG. 3B

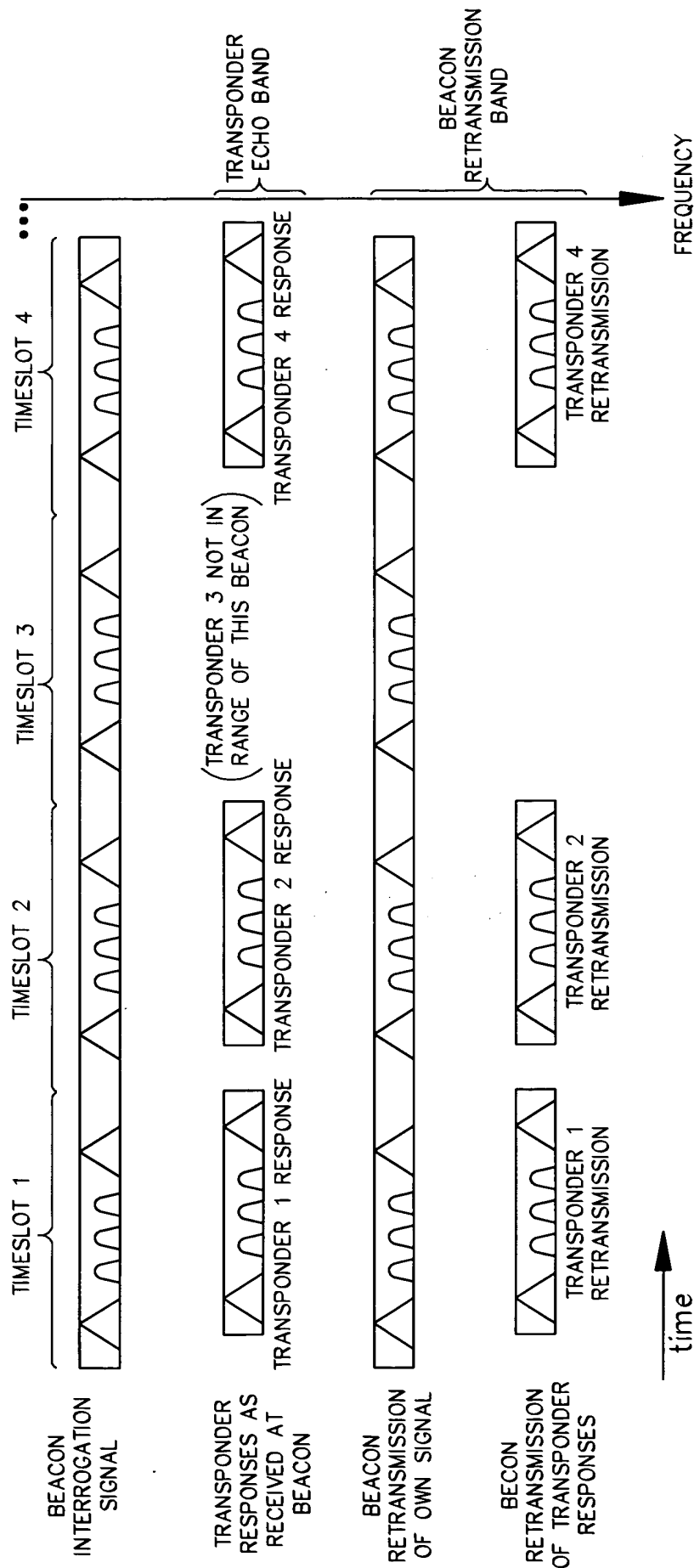


FIG. 4

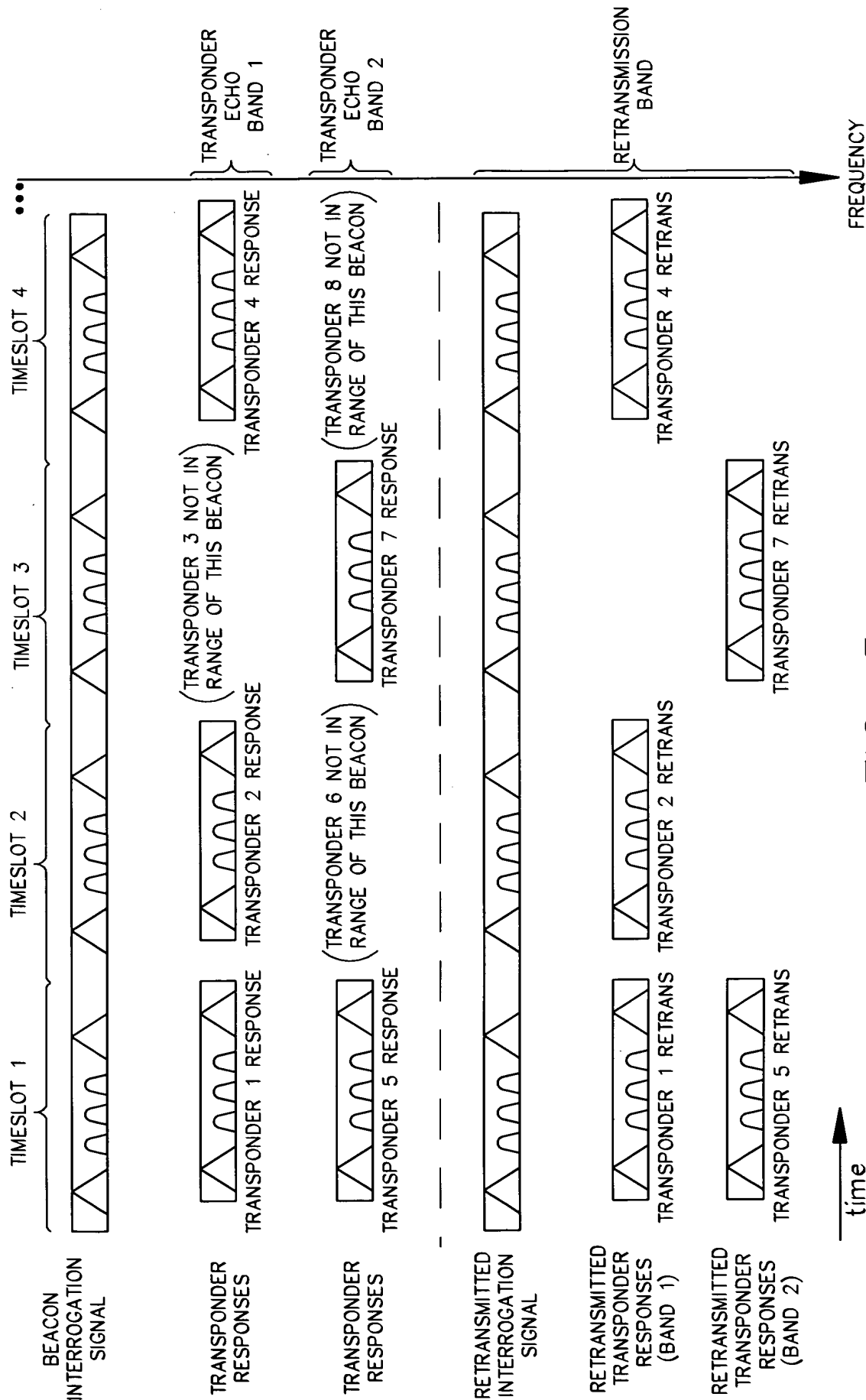


FIG. 5

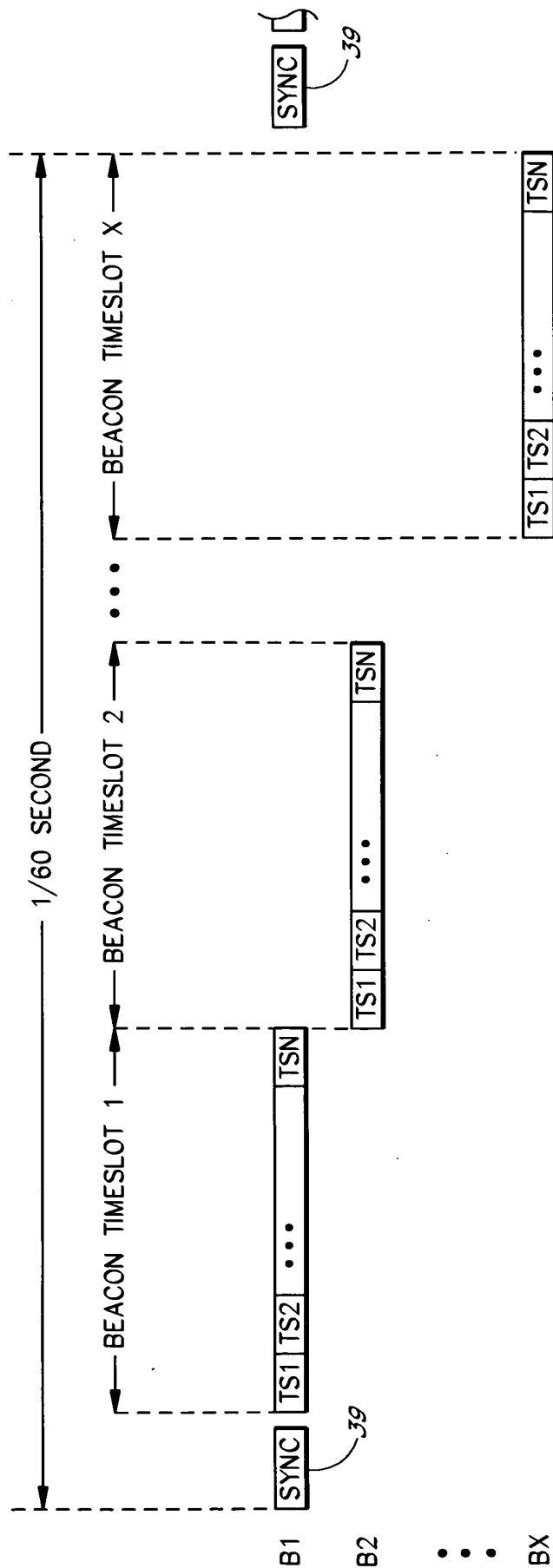


FIG. 6

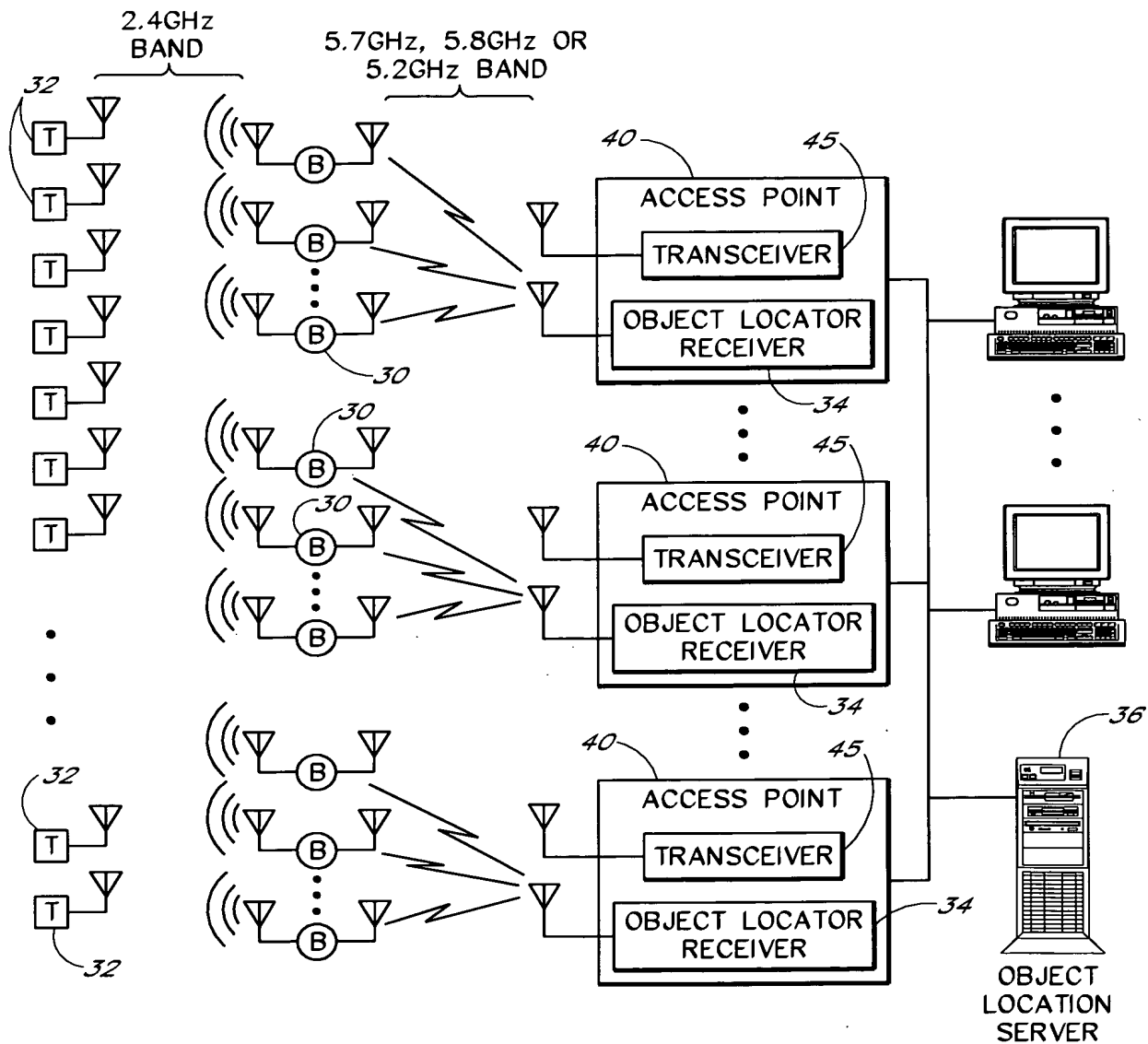


FIG. 7

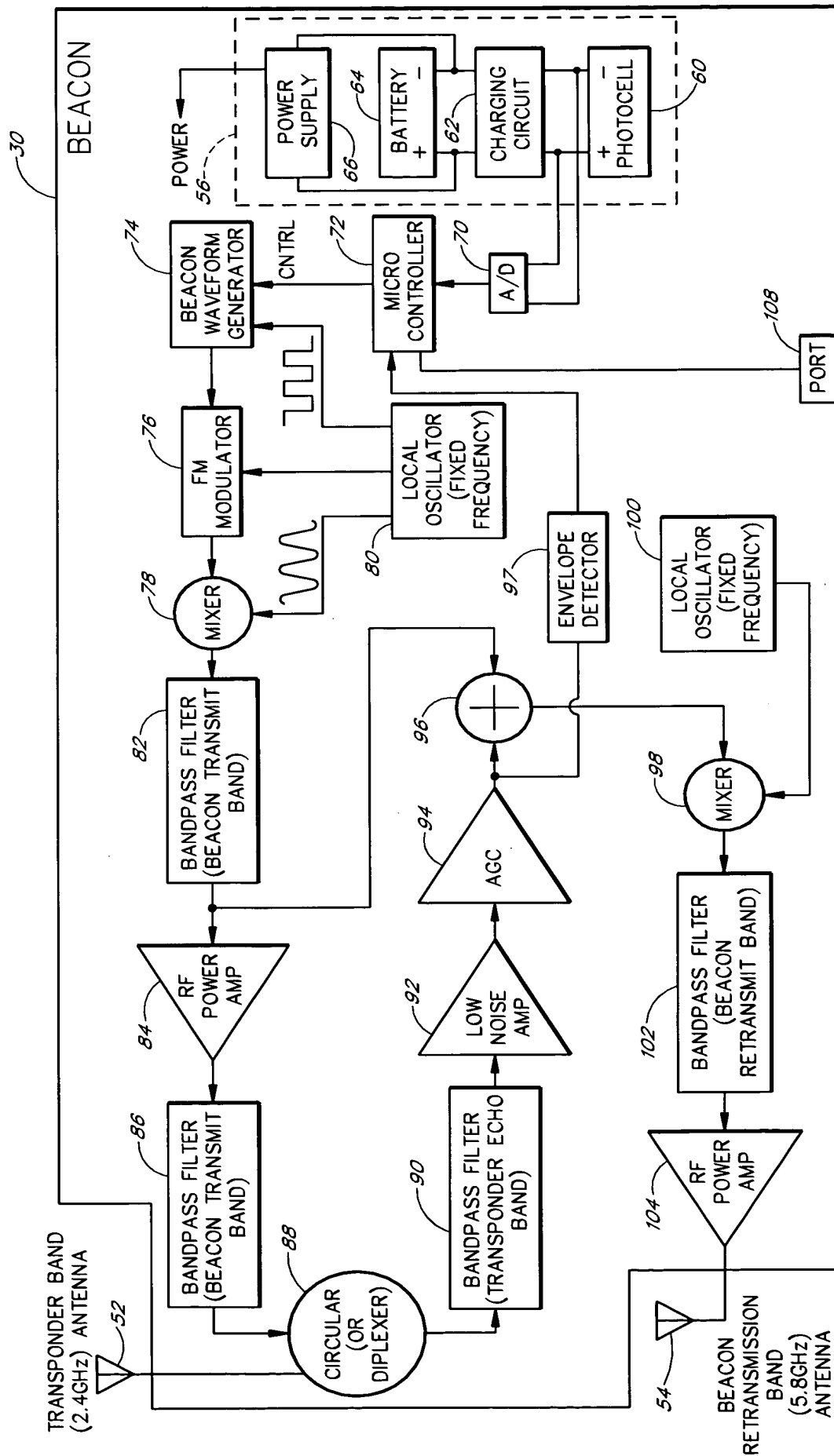


FIG. 8

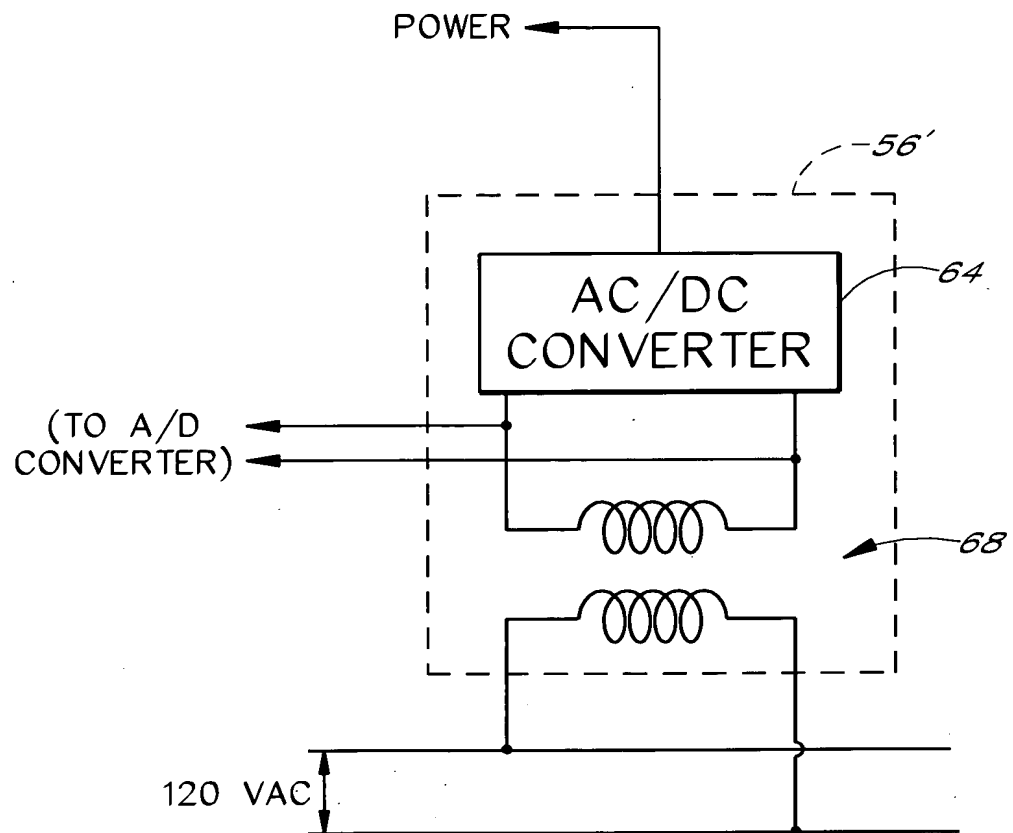


FIG. 9

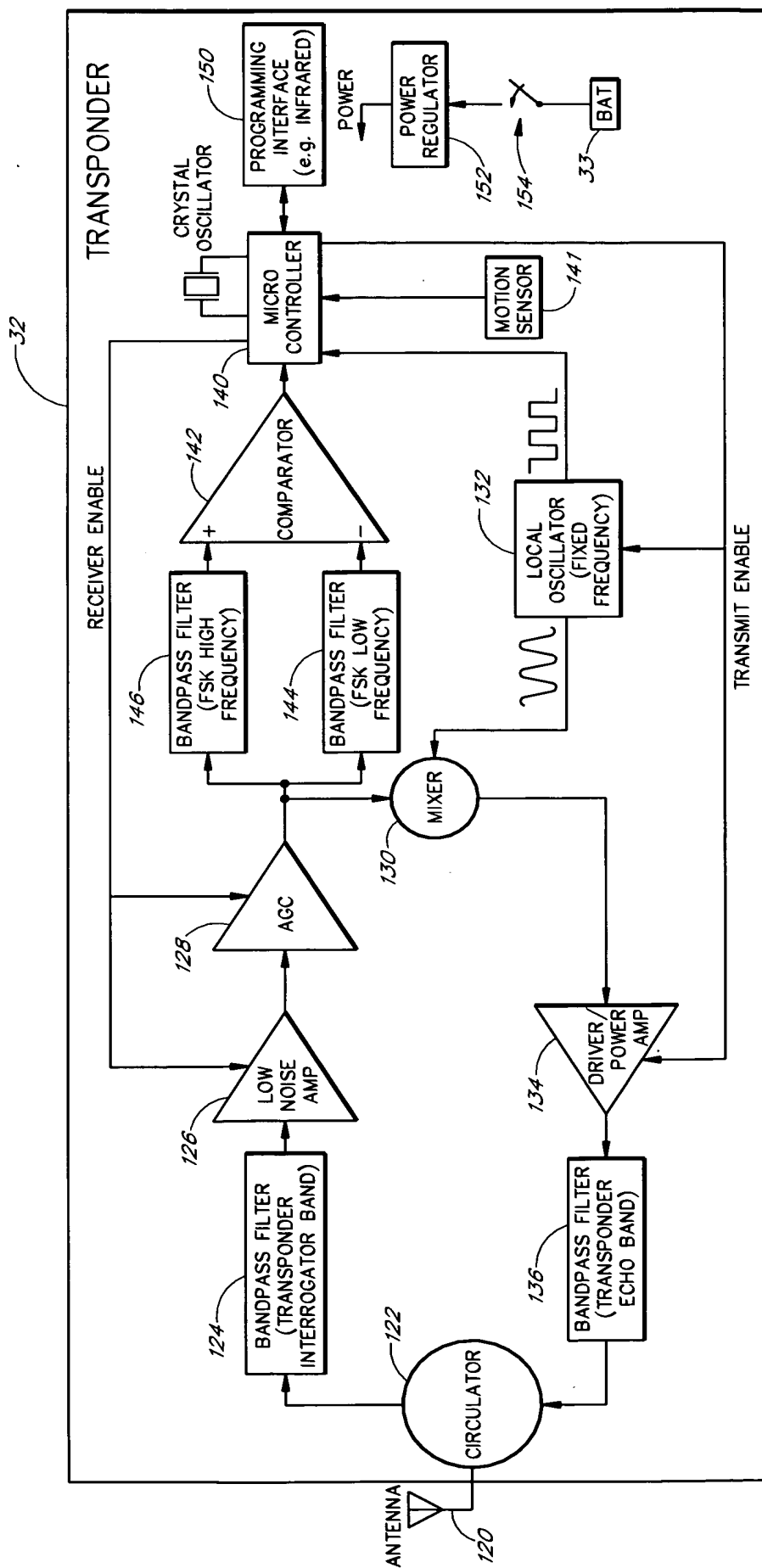


FIG. 10

FIG. 11 is a block diagram of a receiver system 34, which includes a beacon retransmission band antenna 160, a bandpass filter (beacon retransmit band) 162, a low noise amp 164, a bandpass filter (upconverted beacon interrogate band) 166A, an AGC 168A, a mixer 170A, a lowpass filter 172A, an FM limiter/discriminator 174A, an A/D converter 176A, and a buffer memory 178A. The system also includes a digital signal processor 180, a host interface 182, a local oscillator (fixed frequency) 169A, a bandpass filter (upconverted transponder response band) 166B, an AGC 168B, a mixer 170B, a lowpass filter 172B, an FM limiter/discriminator 174B, an A/D converter 176B, and a buffer memory 178B. The receiver system 34 is connected to a host interface 182 via a digital signal processor 180.

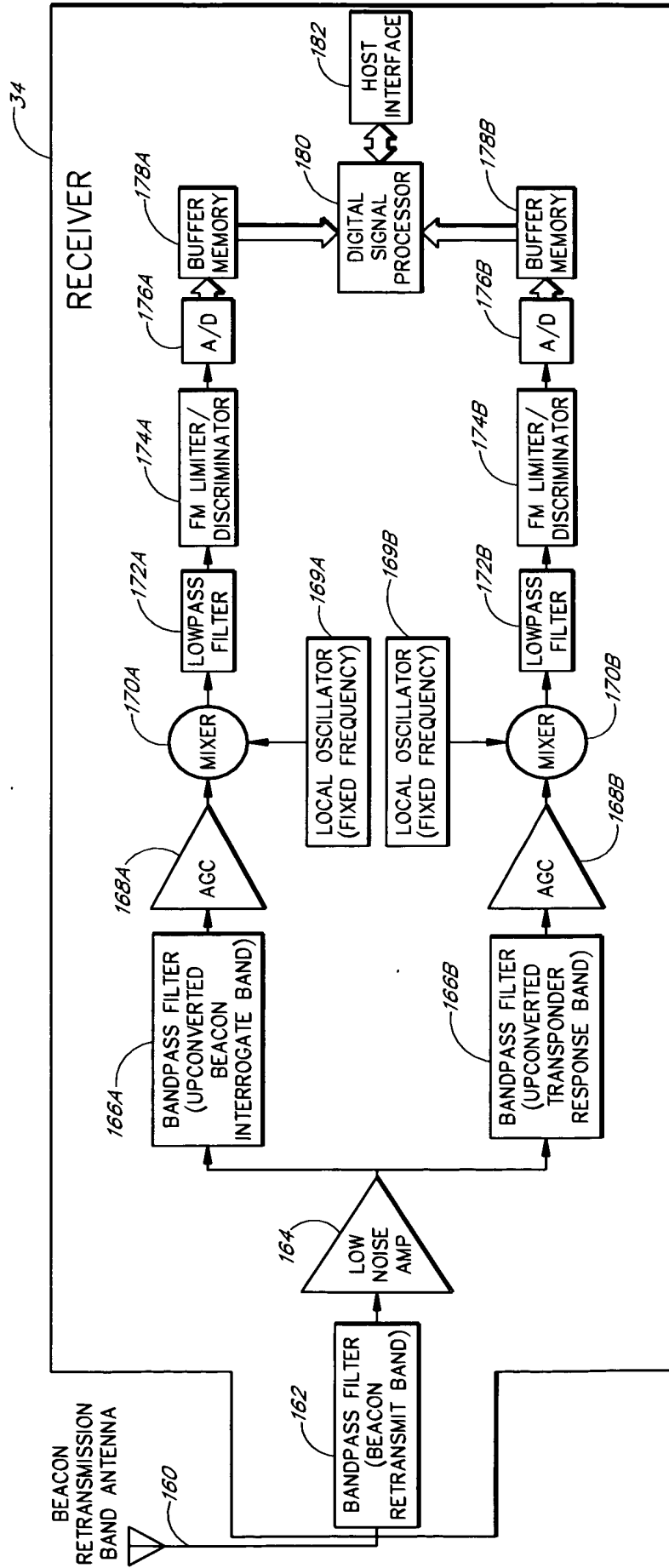


FIG. 11

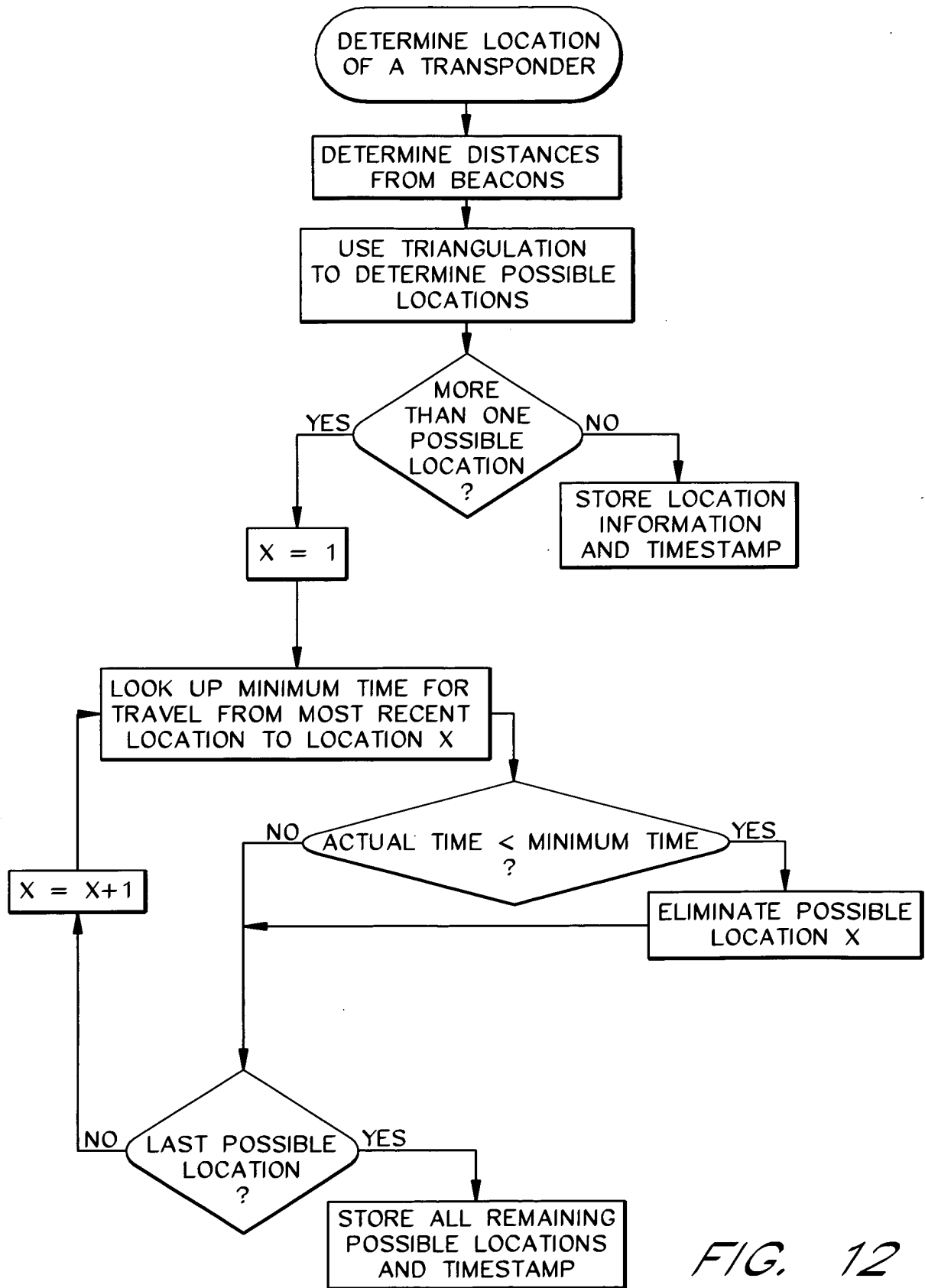


FIG. 12